K A N S A S

RODERICK L. BREMBY, SECRETARY

KATHLEEN SEBELIUS, GOVERNOR

DEPARTMENT OF HEALTH AND ENVIRONMENT

APPLICATION FOR PRE-SELECTION OF AN EMERGENCY LIVESTOCK DISPOSAL SITE

1. Applicant's Name _____

   Mailing address _____
   (Street or Rural Route) (City & State) (Zip)

   Person to contact _____ Title _____

   Telephone (_____)_____ Fax (_____)_____

   E-mail address _____

2. Livestock Facility
   Address_____
   (Street Number, Road, Highway) (City)

3. Livestock Facility Location _____County, _____1/4, _____1/4,_____1/4 of, Section _____, Township _____, Range _____

   Driving Directions _____

4. Livestock Facility area (acres)_____ Property area, if different (acres) _____
   Disposal area (acres) _____

5. Restrictions. Kansas statutes limit this type of waste disposal as follows:

65-3407c. Exemptions from permit requirement.
(a) The secretary may authorize persons to carry out the following activities without a solid waste permit issued pursuant to K.S.A. 65-3407, and amendments thereto:

(5) Dispose of whole unprocessed livestock carcasses on property at, adjacent or near where the animals died if:
(A) Such animals died as a result of a natural disaster or their presence has created an emergency situation; and
(B) proper procedures are followed to minimize threats to human health and the environment. Prior to the department's authorization, written approval for the disposal must be obtained from the landowner and local governmental or zoning authority having jurisdiction over the disposal site.*

* The approvals and authorization referenced in (B) are not included in this pre-selection process.

DIVISION OF ENVIRONMENT
Bureau of Waste Management
CURTIS STATE OFFICE BUILDING, 1000 SW JACKSON ST., STE. 320, TOPEKA, KS 66612-1366
Voice 785-296-1600 Fax 785-296-8909 Http://www.kdhe.state.ks.us/waste

6. Quantity of waste:

   a. Type of animals _____

   b. Maximum number of carcasses _____

7. Estimated Capacity of Disposal Site _____ cubic yards

   Number and dimensions of disposal trenches/pits (length, width, depth in feet and total area in acres):
   _____

   (Must provide 42 cubic feet per animal unit. One animal ***disposal*** unit = ***1,000 pounds animal weight*** = 1 bovine or 5 pigs or 5 sheep ***or 50 turkeys or 333 chickens***. One cubic yard = 27 cubic feet. Subtract cover thickness from trench/pit depth when calculating disposal capacity. Note cover thickness. Default cover thickness is 3 feet of soil. ***Other contaminated items may be disposed in the trench/pit and will increase the volume needed for disposal. These items include but are not limited to manure, bedding, feed, milk, straw, hay, silage, and other bio-degradable items which cannot be easily disinfected.***) ***(Sample equation for figuring disposal capacity needed: #animal disposal units x 42cf/animal disposal unit x 1 cy/27 cf = size of trench/pit needed for disposal)***

8. Estimated depth, in feet, to groundwater table _____

   Basis for estimate _____

   (Goal is to provide at least 10 feet of vertical separation from the bottom of the trench/pit to the water table, if possible. Soil borings, nearby wells, or other methods may be used to determine the groundwater table elevation. Attach supporting information if possible.)

9. Attach a **geologic review report** _____

   Summarize available geologic reports and data for the proposed disposal site and vicinity. Include information on the regional geology and hydrogeology, a description of stratigraphy of the area, and the aquifer characteristics (depth of uppermost aquifer, flow direction and gradient, depth of bedrock, aquitard composition and thickness, soil and rock permeability, perched zone characterization, etc.).

10. Attach the following information._____

    a. A **general site location map** showing the livestock facility and vicinity features. Highlight the property boundaries. Note the section, township, and range on the map. Sketch the disposal area location. Label or note the location of: the feedlot pens; domestic wells within 500 feet*; public water supply wells within ¼ mile*; inhabited dwellings, schools, daycare facilities, adult care facilities, hospitals, public roads, restaurants, lodging, parks, or cemeteries within 500 feet*. (*Recommended minimum separation distances from disposal area.)

       A property survey map, USGS topographic map, aerial photograph, or other type of map may be used as the basis for the site location map. USGS maps are available at and www.topozone.com , among other locations. Aerial photographs are available at www.mapquest.com and www.terraserver.com , among other locations. Well data is available at www.kgs.ku.edu

b. A **disposal site layout drawing**. The disposal layout drawing should show all relevant man-made and natural features of the site, existing and proposed, within 500 feet of the disposal area, including but not limited to: topographic contours, roads, utilities and easements, ditches, berms, culverts, structures, buildings, wetlands, flood ways, surface waters, fences, gates, and other disposal areas. The disposal layout drawing should include longitude and latitude coordinates (based on the World Geodetic System 1984 Datum in decimal degree format) for each corner of the disposal area. Positional accuracy of the coordinate data should be less than or equal to 10 meters. Also note the depth of each disposal area.

c. A **FEMA flood plain map** with the disposal area sketched on it (or other evidence of the 100-year flood plain limits if a FEMA map is not available). Flood maps are typically available at the county courthouse. Goal is to avoid the flood plain if possible.

d. A **sensitive groundwater area map** with the disposal area sketched on it. Sensitive groundwater area maps are available at: www.kdhe.state.ks.us/waste . Goal is to avoid sensitive groundwater areas if possible.

e. ***A well location map of all wells within one mile of the disposal area. A map can be generated from the KGS website at www.kgs.ku.edu.***

11. Site owned by applicant _____ or Site leased by applicant _____

If the site is leased, please fill in the following information:

Owner of Record_____

Address_____City_____State_____Zip_____

Negotiated lease date:_____

Number of years remaining on lease _____ Include copy of lease_____

12. Soil Classification of cover material and information source (from soil borings, soil survey, etc.)

_____

13. If sufficient cover material is not available at the site (see Question 7), where will it be obtained?

_____

14. Comments: _____

_____

_____

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Please submit three sets of the application and supporting documents to:

Kansas Department of Health and Environment
Bureau of Waste Management
Solid Waste Permits Section
1000 SW Jackson, Suite 320
Topeka, KS 66612-1366

Please retain a copy of this application and the supporting documents for your records.

Application forms, related forms, statutes and regulations, policies, and technical guidance documents are available on the Bureau of Waste Management web site at www.kdhe.state.ks.us/waste.

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Submission of this application does not authorize the applicant to dispose of animal carcasses or any other waste at this site. A separate authorization request (including local government approval and property owner approval) must be submitted to KDHE when a natural disaster / emergency situation occurs.

In the event this disposal authorization is requested, use the ***"Guideline For Disaster Response - Solid Waste Management - Authorization Application" available from your KDHE district office or call 785-296-1600 for assistance.***

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Applicant's certification:

To the best of my knowledge, the information provided with this application is true and correct.

Signature of applicant _____ Date _____

Name (Print or type) _____

Title _____

Form Modified July 7, 2004

Facility Name _____ Kansas Permit Number For This Site _____

Public Entrance Gate Latitude _____ Longitude _____

Lat/Long Location Method* _____

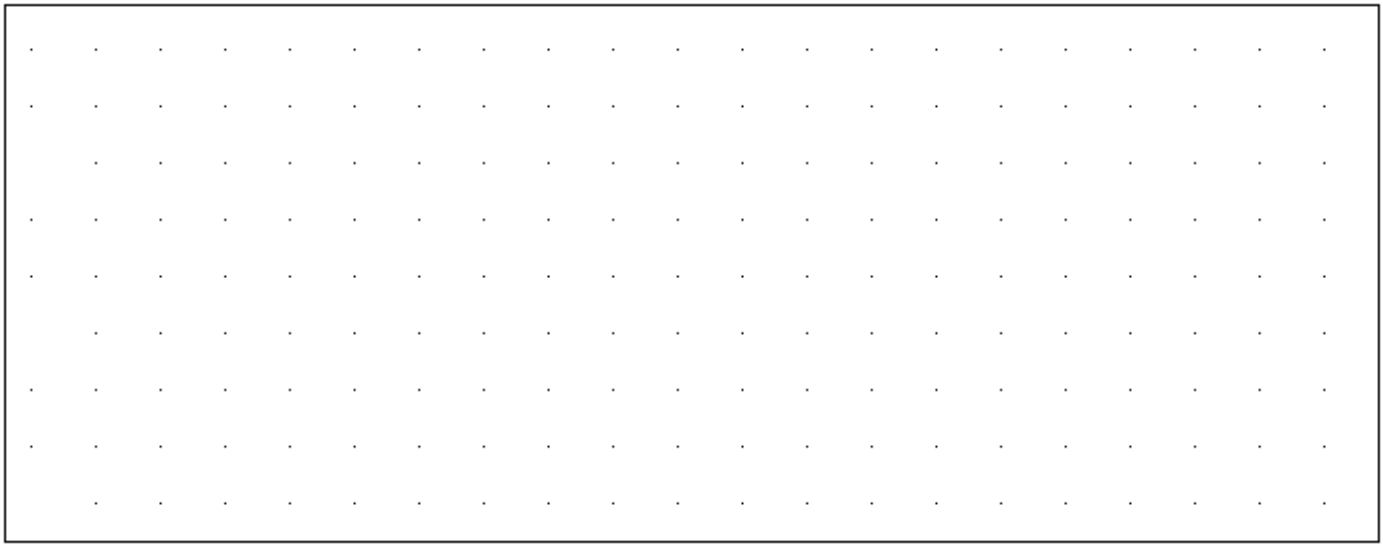
Line Number	Feature Name**	Coordinate Label	Latitude***	Longitude***
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

***Location Method** - Provide information on how coordinates were derived. Examples would be by GPS, survey, map interpretation, etc. Indicate what type of equipment was used or the source of the data.

** **Feature Name** - This would be the name of the feature associated with the Latitude and Longitude readings. Examples would be: Pit 1, Pit 2, Disposal Area Entrance Gate, etc. The maximum number of distinct corners for each feature is 10. See example.

*** **Lat/Long** - Include latitude and longitude based on the World Geodetic System 1984 Datum in decimal degree format.

Draw the disposal site below and label all points where readings were taken. These labels should be entered in the Coordinate Label column above.



Facility Name _Curtis State Office Building____ Kansas Permit Number For This Site _XXXXX_____

Public Entrance Gate Latitude _39.04594_____ Longitude _-095.67706___

Lat/Long Location Method* _GPS - Garman 3+_____

Line Number	Feature Name**	Coordinate Label	Latitude***	Longitude***
1	Curtis Building	1	39.04563	-095.67717
2		2	39.04571	-095.67683
3		3	39.04573	-095.67642
4		4	39.04586	-095.67648
5		5	39.04583	-095.67601
6		6	39.04523	-095.67622
7		7	39.04525	-095.67664
8		8	39.04572	-095.67747
9				
10				

***Location Method** - Provide information on how coordinates were derived. Examples would be by GPS, survey, map interpretation, etc. Indicate what type of equipment was used or the source of the data.

**** Feature Name** - This would be the name of the feature associated with the Latitude and Longitude readings. Examples would be: Pit 1, Pit 2, Entrance Gate to Disposal Area, etc. The maximum number of distinct corners for each feature is 10. See example.

***** Lat/Long** - Include latitude and longitude based on the World Geodetic System 1984 Datum in decimal degree format.

Draw the disposal site below and label all points where readings were taken. These labels should be entered in the Coordinate Label column above.